

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10280

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07F 19/00, 17/02; C07D 403/02; A61K 33/24

US CL : 252/513; 548/101, 112, 365.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 252/513; 548/101, 112, 365.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Grotjahn D.B. et al, "Combined Effects of Metal and Ligand Capable of Accepting a Proton or Hydrogen Bond Catalyze Anti-Markovnikov Hydration of Terminal Alkynes," Angew. Chem. Int. Ed., 2001, Vol. 40, No. 20, Pages 3884-3887, especially pages 3884 and 3885.	1-4, 6-11, 15, 18-19, 21, 24, 25, 27.
A	US 6,627,758 B2 (GROTJAHN) 30 September 2003 (30.09.2003).	1-27
X	US 6,380,393 B1 (GROTJAHN et al) 30 April 2002 (30.04.2002), Abstract, Column 3, Lines 42-46; Column 5, Line 32 to Column 10, Line 13; Column 12, Line 55 to Column 14, Line 19; Column 20-Column 21, Examples 13-14.	1-11, 15, 18-19, 24, 27.
X	FR 2419929 A (GASET et al) 16 November 1979 (16.11.1979), Abstract, Page-1, Lines 5-20; Page 5, Lines 23-33.	1-5, 8-11.
X	US 5,637,660 A (NAGY et al) 10 June 1997 (10.06.1997), Column 1, Lines 48-52; Column 4, Example-1; Columns 5-6, Example-3; Column 7, Table between lines 20-45.	1-5, 8, 18-19, 27.

☐ Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

11 August 2004 (11.08.2004)

Date of mailing of the international search report

20 AUG 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Dr. Yogendra Gupta

Telephone No. 572-272-1700

Jean Procter
Paralegal Specialist